



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005



Job No.: CTCE/BBMP/KRIDL/W.No.14/CSR-01/847i/Cube/2018-19

13.02.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
* Agency	: Technical Manager (West), KRIDL, Bangalore.
* Name of the work	: Construction of CC roads and CC drains at 16th A cross Bagaalagunte in Ward No.14, Bagalagunte, BBMP, Bangalore.
* Reference	: BBMP/EE/DD/WO/25/2018-19 Dated : 09.08.2018
* Sample ID	: RCC Drain Concrete
Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 13.02.2019

SL.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	16.01.2019	13.02.2019	8.265	482.3	21.44
2	16.01.2019	13.02.2019	8.147	492.6	21.89
3	16.01.2019	13.02.2019	8.352	512.6	22.78

*Information is furnished by the Customer/Representative.

Note:

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪ್ರದಾನರಕ್ಕಳು ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಸವನಗುಡಿ
ಬೆಂಗಳೂರು

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SL.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	16.01.2019	13.02.2019	8.263	495.6	22.03
2	16.01.2019	13.02.2019	8.384	515.4	22.91
3	16.01.2019	13.02.2019	8.471	526.3	23.39

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Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	16.01.2019	13.02.2019	8.259	478.3	21.26
2	16.01.2019	13.02.2019	8.185	485.6	21.58
3	16.01.2019	13.02.2019	8.349	502.4	22.33

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Sample Received on	: 16.02.2019

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	19.01.2019	16.02.2019	8.367	510.2	22.68
2	19.01.2019	16.02.2019	8.296	521.3	23.17
3	19.01.2019	16.02.2019	8.145	532.9	23.68

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Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	19.01.2019	16.02.2019	8.356	474.5	21.09
2	19.01.2019	16.02.2019	8.452	505.6	22.47
3	19.01.2019	16.02.2019	8.297	514.2	22.85

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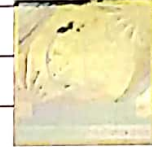


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1	19.01.2019	16.02.2019	8.364	480.3	21.35
2	19.01.2019	16.02.2019	8.158	510.4	22.68
3	19.01.2019	16.02.2019	8.293	529.7	23.54

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